

converting the calculation entities in the sub-model that depend on entities in the full model that are not included in the sub-model into temporary data entities;

deleting connecting arcs directed to the temporary data entities;

ay identifying output entities in the sub-model, where the output entities are calculation entities that do not have an output to another entity;

identifying isolated cycles in the sub-model that are a series of entities that depend on themselves; and

analyzing the sub-model by performing the calculations for the calculation entities.

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Q5 14. (Amended) The system according to claim 13 further comprising means for deleting the connecting arcs directed to the temporary data entities.

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#### IN THE ABSTRACT

Applicant includes herewith an Attachment for Abstract Amendment showing amended Abstract in which underlines indicate insertions and brackets indicate deletions.

Please amend the Abstract as follows:

A process for analyzing a sub-model associated with a full system model as often depicted as an influence diagram. The process includes defining the sub-model